Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (previously presented): The light-emitting device as claimed in claim 7, wherein the coating layer has a thickness of at most 5 nm.

Claim 2 (previously presented): The light-emitting device as claimed in claim 7, wherein the luminescent material is selected from the group: garnets, chlorosilicates, thiogallates and aluminates, nitridosilicates and vanadates.

Claim 3 (previously presented): The light-emitting device as claimed in claim 2, wherein the luminescent material contains rare earth metals as constituents.

Claim 4 (cancelled)

Claim 5 (previously presented): The light-emitting device as claimed in claim 1, wherein the coating layer thickness is between 0.1 and 2 nm.

Claim 6 (previously presented): The light-emitting device as claimed in claim 1, wherein a second layer of flame-hydrolytically produced metal oxides is applied to the coating layer.

Claim 7 (currently amended): A light-emitting device, having at least one radiation source which emits essentially within the range of from 150 to 600 nm, and a luminescent material which converts the light from the radiation source at least partially into longer-wave radiation, the luminescent material being formed by particles which are coated by a coating layer, wherein a coating material for the coating layer is selected from at least one of the following groups:

- alkylsilyl halides of the stoichiometry R_2SiX_2 ~~with~~, wherein R = alkyl and X = Cl or Br;
- arylsilyl halides of the stoichiometry Ar_3SiX or Ar_2SiX_2, ~~where~~ wherein Ar = phenyl ~~in particular~~ and X=halogen;
- phenyl-substituted silicon alkoxides;
- alkyl halides of the type R-X, wherein R = aliphatic residue and X = halogen; and
- acyl halides of the type $R-\underset{\underset{X}{|}}{C}=O$, wherein R = aliphatic residue and X = halogen.

~~in each of which R = aliphatic residue and X = halogen, preferably Cl or Br.~~

Claim 8 (cancelled).

Claim 9 (original): The light-emitting device as claimed in claim 7, wherein the radiation source is a UV-emitting LED, which emits with a peak wavelength in the range from 300 to 420 nm.

Claim 10 (original): The light-emitting device as claimed in claim 7, wherein the radiation source is a blue-emitting LED, which emits with a peak wavelength in the range of from 425 to 490 nm.

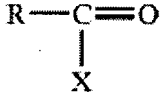
Claim 11 (original): The light-emitting device as claimed in claim 7, wherein the radiation source is a high-pressure discharge lamp, which emits essentially in the range of from 200 to 490 nm.

Claim 12 (original): The light-emitting device as claimed in claim 7, wherein the radiation source is an excimer discharge device, which emits essentially in the range of from 150 to 320 nm.

Claim 13 (previously presented): The light-emitting device as claimed in claim 1, wherein the coating layer has a thickness of less than or equal to 3 nm.

Claim 14 (new): The light-emitting device as claimed in claim 7, wherein in R-X, X = Cl or Br.

Claim 15 (new): The light-emitting device as claimed in claim 7, wherein in



, X = Cl or Br.